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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor	: Harvey A. Restaino et al.	Group Art Unit: 2838
Appln. No.	: 10/783,682	Examiner:
Filed	: February 20, 2004	
For	: REPLACEABLE CLAMP FOR ELECTRONIC BATTERY TESTER	
Docket No.	: C382.12-0146	

INFORMATION DISCLOSURE STATEMENT

I HEREBY CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL, FIRST CLASS, TO THE COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, THIS

17th DAY OF June, 2004

PATENT ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

TIME OF FILING

The information disclosure statement is being filed with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.

METHOD OF PAYMENT

__X__ No fee is required.

____ Attached is a check in the amount of $_____.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

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LRT/jme

FORM PTO-1449	Atty. Docket No.: C382.12-0146	Serial No.: 10/783,682
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant: Harvey A. Restaino et al.	
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U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	AA	2,514,745	7/11/50	Dalzell	171	95	
	AB	3,593,099	7/13/71	Scholl	320	13	
	AC	3,607,673	9/21/71	Seyl	204	1	
	AD	3,676,770	7/11/72	Sharaf et al.	324	29.5	
	AE	3,729,989	5/1/73	Little	73	133	
	AF	3,753,094	8/14/73	Furuishi et al.	324	29.5	
	AG	3,808,522	4/30/74	Sharaf	324	29.5	
	AH	3,811,089	5/14/74	Strezelewicz	324	170	
	AI	3,873,911	3/25/75	Champlin	324	29.5	
	AJ	3,886,443	5/27/75	Miyakawa et al.	324	29.5	
	AK	3,889,248	6/10/75	Ritter	340	249	
	AL	3,906,329	9/16/75	Bader	320	44	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
	AM	59-17892	1/30/84	Japan			Abstract Only
	AN	59-17893	1/30/84	Japan			Abstract Only
	AO	59-17894	1/30/84	Japan			Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	"Electrochemical Impedance Spectroscopy in Battery Development and Testing", Batteries International, April 1997, pgs. 59 and 62-63.
	AQ	"Battery Impedance", by E. Willihnganz et al., Electrical Engineering, September 1959, pgs. 922-925.
	AR	"Determining The End of Battery Life", by S. DeBardelaben, IEEE, 1986, pgs. 365-368.
	AS	"A Look at the Impedance of a Cell", by S. Debardelaben, IEEE, 1988, pgs. 394-397.

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Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	AT	3,909,708	9/30/75	Champlin	324	29.5	
	AU	3,936,744	2/3/76	Perlmutter	324	158	
	AV	3,946,299	3/23/76	Christianson et al.	320	43	
	AW	3,947,757	3/30/76	Grube et al.	324	28	
	AX	3,969,667	7/13/76	McWilliams	324	29.5	
	AY	3,979,664	9/7/76	Harris	324	17	
	AZ	3,984,762	10/5/76	Dowgiallo, Jr.	324	29.5	
	BA	3,984,768	10/5/76	Staples	324	62	
	BB	4,008,619	2/22/77	Alcaide et al.	73	398	
	BC	4,053,824	10/11/77	Dupuis et al.	324	29.5	
	BD	4,070,624	1/24/78	Taylor	327	158	
	BE	4,086,531	4/25/78	Bernier	324	158	

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		Document No.	Date	Country	Class	Sub Class	Translation Yes No
	BF	60225078	11/9/85	Japan			Abstract Only
	BG	04372536	12/25/92	Japan			Abstract Only
	BH	04131779	5/6/92	Japan			Abstract Only

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	BI	"The Impedance of Electrical Storage Cells", by N.A. Hampson et al., Journal of Applied Electrochemistry, 1980, pgs. 3-11.
	BJ	"A Package for Impedance/Admittance Data Analysis", by B. Boukamp, Solid State Ionics, 1986, pgs. 136-140.
	BK	"Precision of Impedance Spectroscopy Estimates of Bulk, Reaction Rate, and Diffusion Parameters", by J. Macdonald et al., J. Electroanal, Chem., 1991, pgs. 1-11.

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Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	BL	4,112,351	9/5/78	Back et al.	324	16	
	BM	4,114,083	9/12/78	Benham et al.	320	39	
	BN	4,126,874	11/21/78	Suzuki et al.	354	60	
	BO	4,178,546	12/11/79	Hulls et al.	324	158	
	BP	4,193,025	3/11/80	Frailing et al.	324	427	
	BQ	4,207,611	6/10/80	Gordon	364	580	
	BR	4,315,204	2/9/82	Sievers et al.	322	28	
	BS	4,316,185	2/16/82	Watrous et al.	340	636	
	BT	4,322,685	3/30/82	Frailing et al.	324	429	
	BU	4,363,407	12/14/82	Barkler et al.	209	3.3	
	BV	4,369,407	1/18/83	Korbell	324	416	
	BW	4,412,169	10/25/83	Dell'Orto	320	64	

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	BX	03282276	12/12/91	Japan			Abstract Only
	BY	03274479	12/5/91	Japan			Abstract Only
	BZ	5216550	8/27/93	Japan			Abstract Only
	CA	59017894	1/30/84	Japan			Abstract Only

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	CB	"Internal Resistance: Harbinger of Capacity Loss in Starved Electrolyte Sealed Lead Acid Batteries, by Vaccaro, F.J. et al., AT&T Bell Laboratories, 1987 IEEE, Ch. 2477, pp. 128,131.

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	CC	4,390,828	6/28/83	Converse et al.	320	32	
	CD	4,392,101	7/5/83	Saar et al.	320	20	
	CE	4,396,880	8/2/83	Windebank	320	21	
	CF	4,408,157	10/4/83	Beaubien	324	62	
	CG	4,423,378	12/27/83	Marino et al.	324	427	
	CH	4,423,379	12/27/83	Jacobs et al.	324	429	
	CI	4,424,491	1/3/84	Bobbett et al.	324	433	
	CJ	4,459,548	7/10/84	Lentz et al.	324	158	
	CK	4,514,694	4/30/85	Finger	324	429	
	CL	4,520,353	5/28/85	McAuliffe	340	636	
	CM	4,667,279	5/19/87	Maier	363	46	
	CN	4,678,998	7/7/87	Muramatsu	324	427	
	CO	4,679,000	7/7/87	Clark	324	428	
	CP	4,697,134	9/29/87	Burkum et al.	320	48	

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		Document No.	Date	Country	Class	Sub Class	Translation Yes	Translation No
	CQ	EP 0 772 056 A1	5/7/97	EPO				X
	CR	EP 0 637 754 A1	2/8/95	EPO			X	
	CS	2 088 159 A	6/3/82	Great Britain			X	

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	CT	IEEE Recommended Practice For Maintenance, Testings, and Replacement of Large Lead Storage Batteries for Generating Stations and Substations, The Institute of Electrical and Electronics Engineers, Inc., ANSI/IEEE Std. 450-1987, 3/9/1987, pp. 7-15.
	CU	"Field and Laboratory Studies to Assess the State of Health of Valve-Regulated Lead Acid Batteries: Part I Conductance/Capacity Correlation Studies", by D. Feder et al., IEEE, August 1992, pgs. 218-233.

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Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	CV	4,707,795	11/17/87	Alber et al.	364	550	
	CW	4,709,202	11/24/87	Koenck et al.	320	43	
	CX	4,710,861	12/1/87	Kanner	363	46	
	CY	4,719,428	1/12/88	Liebermann	324	436	
	CZ	4,743,855	5/10/88	Randin et al.	324	430	
	DA	4,816,768	3/28/89	Champlin	324	428	
	DB	4,820,966	4/11/89	Fridman	320	32	
	DC	4,825,170	4/25/89	Champlin	324	436	
	DD	4,849,700	7/18/89	Morioka et al.	324	427	
	DE	4,881,038	11/14/89	Champlin	324	426	
	DF	4,912,416	3/27/90	Champlin	324	430	
	DG	4,929,931	5/29/90	McCuen	340	636	
	DH	4,931,738	6/5/90	MacIntyre et al.	324	435	
	DI	4,947,124	8/7/90	Hauser	324	430	
	DJ	4,956,597	9/11/90	Heavey et al.	320	14	
	DK	4,968,941	11/6/90	Rogers	324	428	

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		Document No.	Date	Country	Class	Sub Class	Translation Yes	Translation No
	DL	WO 93/22666	11/11/93	WIPO			X	
	DM	WO 98/58270	12/23/98	WIPO			X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	DN	"Battery Impedance", by E. Willihnganz et al., Electrical Engineering, September 1959, pgs. 922-925.
	DO	"JIS Japanese Industrial Standard-Lead Acid Batteries for Automobiles", Japanese Standards Association UDC, 621.355.2:629.113.006, Nov. 1995.

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	DP	5,004,979	4/2/91	Marino et al.	324	160	
	DQ	5,032,825	7/16/91	Xuznicki	340	636	
	DR	5,047,722	9/10/91	Wurst et al.	324	430	
	DS	5,087,881	2/11/92	Peacock	324	378	
	DT	5,126,675	6/30/92	Yang	324	435	
	DU	5,140,269	8/18/92	Champlin	324	433	
	DV	5,144,248	9/1/92	Alexandres et al.	324	428	
	DW	5,170,124	12/8/92	Blair et al.	324	434	
	DX	5,204,611	4/20/93	Nor et al.	320	21	
	DY	5,214,370	5/25/93	Harm et al.	320	35	
	DZ	5,214,385	5/25/93	Gabriel et al.	324	434	
	EA	5,241,275	8/31/93	Fang	324	430	
	EB	5,254,952	10/19/93	Salley et al.	324	429	
	EC	5,281,919	1/25/94	Palanisamy	324	427	
	ED	5,281,920	1/25/94	Wurst	324	430	
	EE	5,295,078	3/15/94	Stich et al.	364	483	
	EF	5,298,797	3/29/94	Redl	307	246	
	EG	5,300,874	4/5/94	Shimamoto et al.	320	15	
	EH	5,302,902	4/12/94	Groehl	324	434	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
	EI						

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Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	EK	5,331,268	7/19/94	Patino et al.	320	20	
	EL	5,336,993	8/9/94	Thomas et al.	324	158.1	
	EM	5,352,968	10/4/94	Reni et al.	320	35	
	EN	5,343,380	8/30/94	Champlin	363	46	
	EO	5,365,160	11/15/94	Leppo et al.	320	22	
	EP	5,365,453	11/15/94	Startup et al.	364	481	
	EQ	5,381,096	1/10/95	Hirzel	324	427	
	ER	5,426,371	6/20/95	Salley et al.	324	429	
	ES	5,432,426	7/11/95	Yoshida	320	20	
	ET	5,434,495	7/18/95	Toko	320	44	
	EU	5,442,274	8/15/95	Tamai	320	23	
	EV	5,457,377	10/10/95	Jonsson	320	5	
	EW	5,449,996	9/12/95	Matsumoto et al.	320	20	
	EX	5,449,997	9/12/95	Gilmore et al.	320	39	
	EY	5,485,090	1/16/96	Stephens	324	433	
	EZ	5,519,383	5/21/96	De La Rosa	340	636	
	FA	5,528,148	6/18/96	Rogers	324	426	
	FB	5,550,485	8/27/96	Falk	324	772	
	FC	5,561,380	10/1/96	Sway-Tin et al.	324	509	

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Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	FF	5,562,501	10/8/96	Kinoshita et al.	439	852	
	FG	5,572,136	11/5/96	Champlin	324	426	
	FH	5,574,355	11/12/96	McShane et al.	320	39	
	FI	5,585,728	12/17/96	Champlin	324	427	
	FJ	5,592,093	1/7/97	Klingbiel	324	426	
	FK	5,596,260	1/21/97	Moravec et al.	320	30	
	FL	5,598,098	1/28/97	Champlin	324	430	
	FM	5,602,462	2/11/97	Stich et al.	323	258	
	FN	5,606,242	2/25/97	Hull et al.	320	48	
	FO	5,621,298	4/15/97	Harvey	320	5	
	FP	5,642,031	6/24/97	Brotto	320	21	
	FQ	5,650,937	7/22/97	Bounaga	364	483	
	FR	5,652,501	7/29/97	McClure et al.	320	17	
	FS	5,675,234	10/7/97	Greene	320	15	
	FT	5,677,077	10/14/97	Faulk	429	90	
	FU	5,699,050	12/16/97	Kanazawa	340	636	
	FV	5,701,089	12/23/97	Perkins	327	772	
	FW	5,717,336	2/10/98	Basell et al.	324	430	
	FX	5,757,192	5/26/98	McShane et al.	324	427	

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	GA	5,773,978	6/30/98	Becker	324	430	
	GB	5,789,899	8/4/98	van Phuoc et al.	320	30	
	GC	5,793,359	8/11/98	Ushikubo	345	169	
	GD	5,821,756	10/13/98	McShane et al.	324	430	
	GE	5,831,435	11/3/98	Troy	324	426	
	GF	5,872,443	2/16/99	Williamson	320	21	
	GG	5,914,605	6/22/99	Bertness	324	430	
	GH	5,945,829	8/31/99	Bertness	324	430	
	GI	3,356,936	12/5/67	Smith	324	29.5	
	GJ	5,488,300	1/30/96	Jamieson	324	432	
	GK	6,002,238	12/14/99	Champlin	320	134	
	GL	6,037,777	3/14/00	Champlin	324	430	
	GM	6,051,976	4/18/00	Bertness	324	426	
	GN	6,081,098	6/27/00	Bertness et al.	320	134	
	GO	6,091,245	7/18/00	Bertness	324	426	
	GP	6,104,167	8/15/00	Bertness et al.	320	132	
	GQ	6,137,269	10/24/00	Champlin	320	150	

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		Document No.	Date	Country	Class	Sub Class	Translation Yes	Translation No
	GR	DE 29 26 716 B1	1/15/81	Germany				X
	GS	0 022 450 A1	1/21/81	EPO			X	

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	GT	"Performance of Dry Cells", by C. Hambuechen, Preprint of Am. Electrochem. Soc., April 18-20, 1912, paper No. 19, pgs. 1-5.
	GU	"A Bridge for Measuring Storage Battery Resistance", by E. Willihncanz, The Electrochemical Society, preprint 79-20, April 1941, pgs. 253-258.

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	GV	3,562,634	2/9/71	Latner	31	04	
	GW	4,379,990	4/12/83	Sievers et al.	322	99	
	GX	5,144,218	9/1/92	Bosscha	320	44	
	GY	5,315,287	5/24/94	Sol	340	455	
	GZ	5,469,043	11/21/95	Cherng et al.	320	31	
	HA	5,546,317	8/13/96	Andrieu	364	481	
	HB	5,583,416	12/10/96	Klang	320	22	
	HC	5,589,757	12/31/96	Klang	320	22	
	HD	5,656,920	8/12/97	Cherng et al.	320	31	
	HE	5,710,503	1/20/98	Sideris et al.	320	6	
	HF	5,760,587	6/2/98	Harvey	324	434	
	HG	5,808,469	9/15/98	Kopera	324	43.4	
	HH	6,008,652	12/28/99	Theofanopoulos et al.	324	434	
	HI	6,009,369	12/28/99	Boisvert et al.	701	99	
	HJ	6,031,354	2/29/00	Wiley et al.	320	116	
	HK	6,037,751	3/14/00	Klang	320	160	
	HL	6,072,299	6/6/00	Kurie et al.	320	112	
	HM	6,094,033	7/25/00	Ding et al.	320	132	
	HN	6,163,156	12/19/00	Bertness	324	426	
	HO	6,172,483	1/9/01	Champlin	320	134	
	HP	6,172,505	1/9/01	Bertness	324	430	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes	No
	HQ	2 749 397	12/5/97	France			X	
	HR	59215674	12/5/84	Japan			Abstract Only	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	HS	

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FORM PTO-1449	Atty. Docket No.: C382.12-0146	Serial No.: 10/783,682
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant: Harvey A. Restaino et al.	
	Filing Date February 20, 2004	Group Art: 2838

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	HT	3,989,544	11/2/76	Santo	429	65	
	HU	4,745,349	5/17/88	Palanisamy et al.	320	22	
	HV	4,876,495	10/24/89	Palanisamy et al.	320	18	
	HW	4,937,528	6/26/90	Palanisamy	324	430	
	HX	4,968,942	11/6/90	Palanisamy	324	430	
	HY	5,179,335	1/12/93	Nor	320	21	
	HZ	5,266,880	11/30/93	Newland	320	14	
	IA	5,451,881	9/19/95	Finger	324	433	
	IB	5,705,929	1/6/98	Caravello et al.	324	430	
	IC	5,717,937	2/10/98	Fritz	395	750.01	
	ID	5,862,515	1/19/99	Kobayashi et al.	702	63	
	IE	5,895,440	4/20/99	Proctor et al.	702	63	
	IF	5,929,609	7/27/99	Joy et al.	322	25	
	IG	6,072,300	6/6/00	Tsuji	320	116	
	IH	4,659,977	4/21/87	Kissel et al.	320	64	
	II	4,913,116	4/3/90	Katogi et al.	123	425	
	IJ	5,160,881	11/3/92	Schramm et al.	322	7	
	IK	5,338,515	8/16/94	Dalla Betta et al.	422	95	
	IL	5,537,967	7/23/96	Tashiro et al.	123	792.1	
	IM	5,548,273	8/20/96	Nicol et al.	340	439	
	IN	5,747,909	5/5/98	Syverson et al.	310	156	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
	IO	62-180284	8/7/87	Japan			Abstract
	IP	7-128414	5/19/95	Japan			Abstract

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	IQ	

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U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	IR	6,114,834	9/5/00	Parise	320	109	
	IS	6,150,793	11/21/00	Lesesky et al.	320	104	
	IT	3,876,931	4/8/75	Godshalk	324	29.5	
	IU	5,347,163	9/13/94	Yoshimura	307	66	
	IV	5,939,861	8/17/99	Joko et al.			
	IW	5,339,018	8/16/94	Brokaw	320	35	
	IX	5,412,323	5/2/95	Kato et al.	324	429	
	IY	5,426,416	6/20/95	Jefferies et al.	340	664	
	IZ	5,825,174	10/20/98	Parker	324	106	
	JA	5,939,855	8/17/99	Proctor et al.	320	104	
	JB	5,254,952	10/19/93	Salley et al.	324	429	
	JC	4,217,645	8/12/80	Barry et al.	364	483	
	JD	4,633,418	12/30/86	Bishop	364	554	
	JE	5,321,626	6/14/94	Palladino	364	483	
	JF	5,969,625	10/19/99	Russo	340	636	
	JG	6,222,369	4/24/01	Champlin	324	430	
	JH	6,225,808	5/1/01	Varghese et al.	324	426	
	JI	6,249,124	6/19/01	Bertness	324	426	
	JJ	6,259,254	7/10/01	Klang	324	427	
	JK	6,262,563	7/17/01	Champlin	320	134	
	JL	6,294,896	9/25/01	Champlin	320	134	
	JM	6,294,897	9/25/01	Champlin	320	153	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
	JN	4-8636	1/13/92	Japan			X (Abstract)
	JO	63027776	2/5/88	Japan			Abstract Only

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U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	JP	4,379,989	4/12/83	Kurz et al.	320	26	
	JQ	4,680,528	7/14/87	Mikami et al.	320	32	
	JR	5,633,985	5/27/97	Severson et al.	395	2.76	
	JS	5,739,667	4/14/98	Matsuda et al.	320	5	
	JT	4,024,953	5/1977	Nailor, III	206	344	
	JU	6,250,973	6/2001	Lowery et al.	439	763	
	JV	6,254,438	7/2001	Gaunt	439	755	
	JW	6,304,087	10/16/01	Bertness	324	426	
	JX	6,310,481	10/30/01	Bertess	324	430	
	JY	6,313,607	11/6/01	Champlin	320	132	
	JZ	6,313,608	11/6/01	Varghese et al.	32	132	
	KA	6,316,914	11/13/01	Bertness	320	134	
	KB	5,435,185	7/25/95	Eagan	73	587	
	KC	5,445,026	8/29/95	Eagan	73	591	
	KD	4,667,143	5/19/87	Cooper et al.	320	22	
	KE	4,847,547	7/11/89	Eng, Jr. et al.	320	35	
	KF	5,574,355	11/12/96	McShane et al.	320	39	
	KG	4,663,580	5/5/87	Wortman	320	35	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes	Translation No
	KH	WO 99/23738	5/14/99	WIPO			X	
	KI	WO 94/05069	3/3/94	PCT			X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	KJ	National Semiconductor Corporation, "High Q Notch Filter", 3/69, Linear Brief 5, March 1969.
	KK	Burr-Brown Corporation, "Design A 60 Hz Notch Filter with the UAF42", 1/94, AB-071, 1994.
	KL	National Semiconductor Corporation, "LMF90-4th-Order Elliptic Notch Filter", 12/94, RRD-B30M115, December 1994.

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U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	KM	6,323,650	11/27/01	Bertness et al.	324	426	
	KN	6,329,793	12/11/01	Bertness et al.	320	132	
	KO	6,331,762	12/18/01	Bertness	320	134	
	KP	6,332,113	12/18/01	Bertness	702	63	
	KQ	4,297,639	10/27/81	Branham	324	429	
	KR	5,653,659	8/5/97	Kunibe et al.	477	111	
	KS	6,161,640	12/19/00	Yamaguchi	180	65.8	
	KT	4,351,405	6/28/82	Fields et al.	180	65	
	KU	6,359,441	3/16/02	Bertness	324	426	
	KV	4,047,091	9/1997	Hutchines et al.	363	59	
	KW	5,653,659	8/1997	Kunibe et al.	477	111	
	KX	5,637,978	6/1997	Kellett et al.	320	2	
	KY	5,095,223	3/1992	Thomas	307	110	
	KZ	5,194,799	3/1993	Tomantschger	320	2	
	LA	5,754,417	5/1998	Nicollini	363	60	
	LB						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
	LC						
	LD						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	LE	"Alligator Clips with Wire Penetrators" J.S. Popper, Inc. product information, downloaded from http://www.jspopper.com/, undated
	LF	"#12: LM78S40 Simple Switcher DC to DC Converter", ITM e-Catalog, downloaded from http://www.pcbcafe.com, undated
	LG	"Simple DC-DC Converts Allows Use of Single Battery", Electronix Express, downloaded from http://www.elexp.com/t_dc-dc.htm, undated

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	Filing Date February 20, 2004	Group Art: 2838

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	LH	5,818,234	10/1998	McKinnon	324	433	
	LI	6,140,797	10/2000	Dunn	320	105	
	LJ	6,181,545	1/2001	Amatucci et al.	361	502	
	LK	6,346,795	2/2002	Haraguchi et al.	320	136	
	LM	6,347,958	2/2002	Tsai	439	488	
	LN	6,351,102	2/26/02	Troy	320	139	
	LO	6,359,441	3/19/02	Bertness	324	426	
	LP	6,363,303	3/26/02	Bertness	701	29	
	LQ	5,037,778	8/6/91	Stark et al.	437	216	
	LR	6,144,185	11/7/00	Dougherty et al.	320	132	
	LS	5,711,648	1/27/98	Hammerslag	414	786	
	LT	5,927,938	7/27/99	Hammerslag	414	809	
	LU	5,951,229	9/14/99	Hammerslag	414	398	
	LV	5,961,561	10/5/99	Wakefield, II	701	29	
	LW	5,961,604	10/5/99	Anderson et al.	709	229	
	LX	6,236,332	5/22/01	Conkright et al.	340	825.06	
	LY	6,351,102	2/26/02	Troy	320	139	
	LZ	5,821,757	10/13/98	Alvarez et al.	324	434	
	MA	6,167,349	12/26/00	Alvarez	702	63	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes	Translation No
	MB							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	MC	"DC-DC Converter Basics", Power Designers, downloaded from http://www.powederdesigners.com/InforWeb.design_center/articles/DC-DC/converter.shtm, undated
	MD	

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	Filing Date: February 20, 2004	Group Art: 2838

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	ME	4,665,370	5/1987	Holland	324	429	
	MF	4,361,809	11/1982	Bil et al.	324	426	
	MG	6,392,414	5/21/02	Bertness	324	429	
	MH	6,417,669	7/9/02	Champlin	324	426	
	MI	6,424,158	7/23/02	Klang	324	433	
	MJ	6,441,585	8/17/02	Bertness	320	132	
	MK	6,445,158	9/3/02	Bertness et al.	320	104	
	ML	6,384,608	5/7/02	Namaky	324	425	
	MM	6,388,448	5/14/02	Cervas	324	426	
	MN	6,307,349	10/23/01	Koenck et al.	320	112	
	MO	6,411,098	6/25/02	Laletin	324	436	
	MP	6,456,045	9/24/02	Troy et al.	320	139	
	MQ	6,466,025	10/15/02	Klang	324	429	
	MR	6,466,026	10/15/02	Champlin	324	430	
	MS	4,564,798	1/14/86	Young	320	6	
	MT	5,563,496	10/8/96	McClure	320	48	
	MU	5,796,239	8/18/98	van Phuoc et al.	320	107	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
	MV	RU 2089015-C1	8/27/97	Russia			Abstract Only
	MW	09061505	3/7/97	Japan			Abstract Only
	MX	10056744	2/24/98	Japan			Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	MY	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US02/29461.
	MZ	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/07546.

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U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	NA	4,888,716	12/19/89	Ueno	364	550	
	NB	6,495,990 B2	12/17/02	Champlin	320	132	
	NC	4,385,269	5/24/83	Aspinwall et al.	320	14	
	ND	4,686,442	8/11/87	Radomski	320	17	
	NE	6,061,638	5/9/00	Joyce	702	63	
	NF	6,359,442	3/19/02	Henningson et al.	324	426	
	NG	5,541,489	7/30/96	Dunstan	320	2	
	NH	6,424,157	7/23/02	Gollomp et al.	324	430	
	NI	6,534,993	3/18/03	Bertness	324	433	
	NJ	6,544,078	4/8/03	Palmisano et al.	439	762	
	NK	6,556,019	4/29/03	Bertness	324	426	
	NL	6,566,883	5/20/03	Vonderhaar et al.	324	426	
	NM	6,586,941	7/1/03	Bertness et al.	324	426	
	NN	6,597,150	7/22/03	Bertness et al.	320	104	
	NO	2002/0171428	11/21/02	Bertness	324	426	
	NP	6,263,268	7/17/01	Nathanson	701	29	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes	Translation No
	NQ	WO 00/67359	11/9/00	WIPO			X	
	NR	WO 01/51947	7/19/01	WIPO			X	
	NS	WO 98/04910	2/5/98	WIPO			X	
	NT	WO 00/62049	10/19/00	WIPO			X	
	NU							
	NV							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	NW	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/06577.

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U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	OA	5,410,754	4/1995	Klotzbach et al.	370	85.13	
	OB	5,654,623	8/1997	Shiga et al.	320	48	
	OC	6,055,468	4/2000	Kaman et al.	701	29	
	OD	2003/0025481	2/2003	Bertness	320	155	
	OE	5,313,152	5/1994	Wozniak et al.	320	118	
	OF	2003/0184306	10/2003	Bertness et al.	324	426	
	OG	2004/0000891	1/2004	Raichle et al.	320	107	
	OH	3,750,011	7/1973	Kreps	324	29.5	
	OI	5,159,272	10/1992	Rao et al.	324	429	
	OJ	5,325,041	6/1994	Briggs	320	44	
	OK	6,526,361	2/2003	Jones et al.	702	63	
	OL	6,667,624	12/2003	Raichle et al.	324	522	
	OM	2002/0010558	1/24/02	Bertness et al.	702	63	
	ON	2002/0176010	11/28/02	Wallach et al.	348	229.1	
	OO	3,652,341	3/28/1972	Halsall et al.	136	176	
	OP	5,747,967	5/5/1998	Muljadi et al.	320	39	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes	Translation No
	OQ	JP 11103503 A	4/1999	Japan			X(Abstract)	
	OR	WO 01/59443	2/9/01	WIPO			X	
	OS	GB 2 246 916 A	10/8/90	Great Britian				
	OT							
	OU							
	OV							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	OW	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/07837.

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U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	OA	6,628,011	9/30/03	Droppo et al.	307	43	
	OB	5,780,980	7/14/98	Naito	318	139	
	OC	5,412,308	5/2/95	Brown	323	267	
	OD	6,222,342	4/24/01	Eggert et al.	320	105	
	OE	6,679,212	1/20/04	Kelling	123	179.28	
	OF	5,850,113	12/15/98	Weimer et al.	307	125	
	OG	6,242,887	6/5/01	Burke	320	104	
	OH	6,238,253	5/29/01	Qualls	439	759	
	OI	4,056,764	11/1/77	Endo et al.	320	3	
	OJ	6,005,759	12/21/99	Hart et al.	361	66	
	OK	6,064,372	5/16/00	Kahkoska	345	173	
	OL	5,323,337	6/21/94	Wilson et al.	364	574	
	OM	5,978,805	11/2/99	Carson	707	10	
	ON	6,600,815	7/29/03	Walding	379	93.07	
	OO	4,933,845	6/12/90	Hayes	364	200	
	OP	6,618,644	9/9/03	Bean	700	231	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes	Translation No
	OQ							
	OR							
	OS							
	OT							
	OU							
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U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	OA	5,982,138	11/9/99	Krieger	320	105	
	OB	4,620,767	11/4/86	Woolf	339	255	
	OC	4,934,957	6/19/90	Bellusci	439	504	
	OD	5,772,468	6/30/98	Kowalski et al.	439	506	
	OE	5,108,320	4/28/92	Kimber	439	883	
	OF	5,453,027	9/26/95	Buell et al.	439	433	
	OG	5,865,638	2/2/99	Trafton	439	288	
	OH	3,796,124	3/12/74	Crosa	85	36	
	OI	4,280,457	7/28/81	Bloxham	123	198	
	OJ	4,160,916	7/10/79	Papasideris	307	10	
	OK	6,356,042	3/12/02	Kahlon et al.	318	138	
	OL	6,259,170	7/10/01	Limoge et al.	307	10.8	
	OM	6,081,109	6/27/00	Seymour et al.	324	127	
	ON	6,031,368	2/29/00	Klippel et al.	324	133	
	OO	6,211,651	4/3/01	Nemoto	320	133	
	OP	6,046,514	4/4/00	Rouillard et al.	307	77	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes	Translation No
	OQ							
	OR							
	OS							
	OT							
	OU							
	OV							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	OW	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/41561.

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FORM PTO-1449	Atty. Docket No.: C382.12-0146	Serial No.: 10/783,682
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant: Harvey A. Restaino et al.	
	Filing Date February 20, 2004	Group Art: 2838

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	OA	6,531,848	3/11/03	Chitsazan et al.	320	153	
	OB	4,023,882	5/17/77	Pettersson	339	96	
	OC	2,000,665	5/7/35	L.P. Neal	173	324	
	OD	6,158,000	12/5/00	Collins	713	1	
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	OL						
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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
	OQ						
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	OS						
	OT						
	OU						
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	OW	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/27696.

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